

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE RELEASE: PR5		
N/C	INITIAL RELEASE	09/23/20	J. GARDINER
A	INCORPORATED ECN 06703	05/27/21	P.BRAVO
B	INCORPORATED ECN 06875	11/18/21	P.BRAVO

NOTES:

- 1

MATERIAL: 6061-T6 IAW AMS-QQ-A-200/8
- 2

FINISH: ANODIZE IAW MPP-172, SECTION 2.1
- 3

MATERIAL: PEEK
- 4

VENDOR: MCMASTER P/N 8503K333
- 5

IDENTIFY IAW MPP-120
- 6

DART SERIAL NUMBER IAW MPP-120 SECTION 5.2.1 AND 5.4
- 7

FORMAT: XXX.XXXX-ZZZZZ
- 8

LHD PART NUMBER TO BE MARKED ALONG WITH PART MARKING IAW MPP-120.
- 9

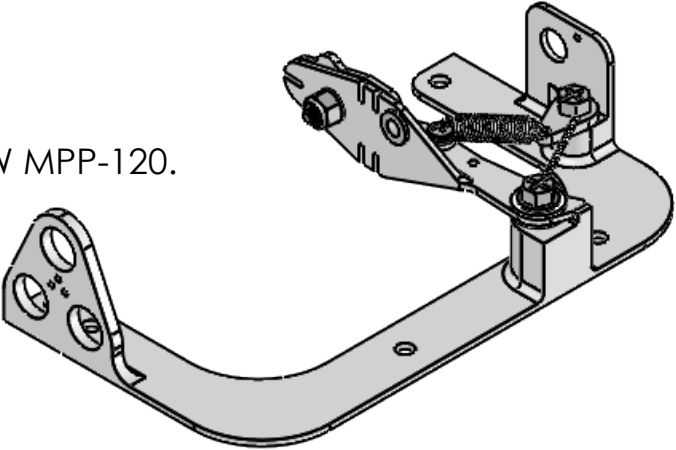
SAFETY WIRE BETWEEN FASTENERS
- 10

TORQUE FASTENERS TO 19.8 IN-LBS
- 11

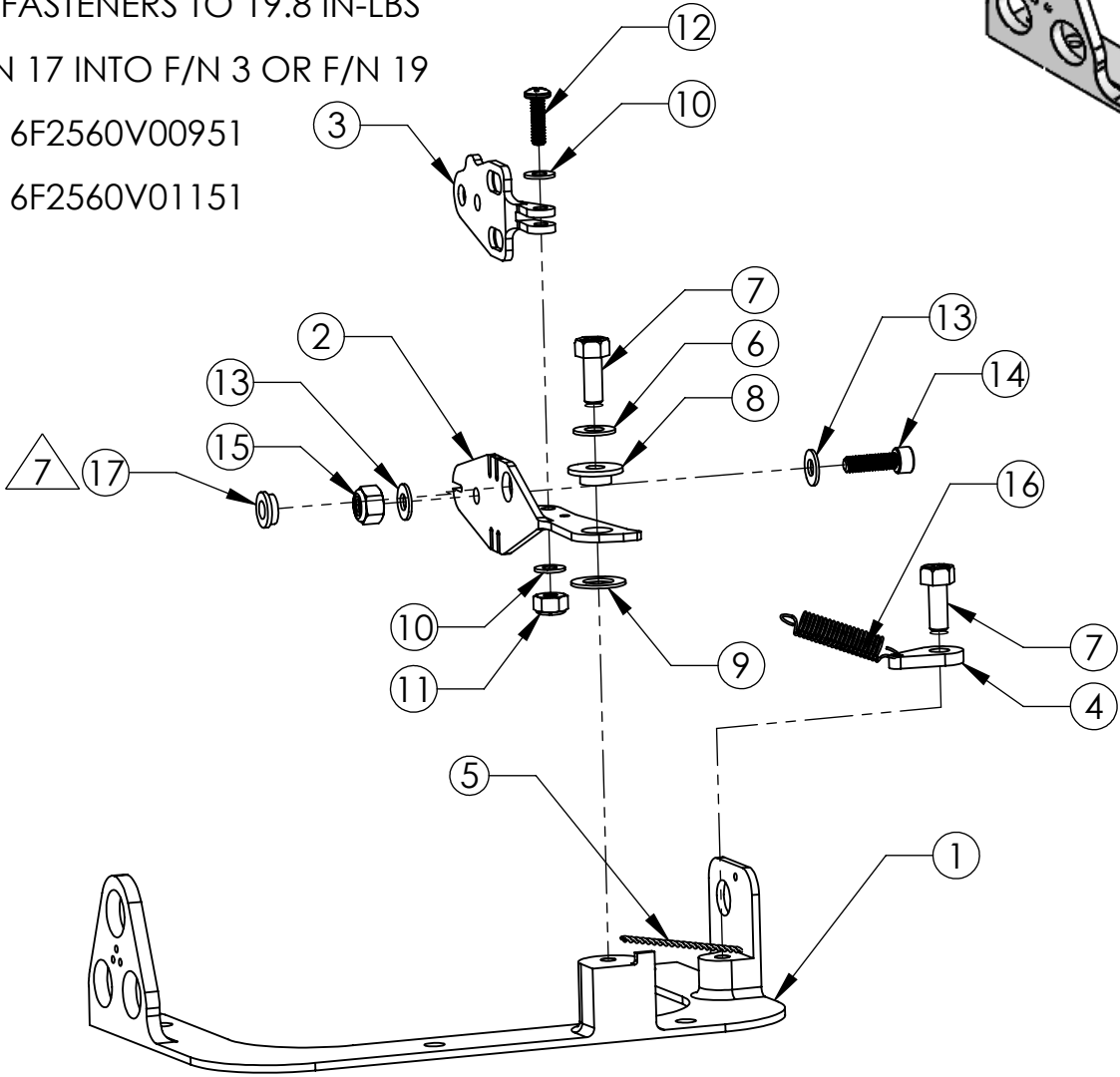
PRESS F/N 17 INTO F/N 3 OR F/N 19
- 12

LHD P/N: 6F2560V00951
- 13

LHD P/N: 6F2560V01151



654.0701 SHOWN  
654.0702 OPPOSITE



654.0701 EXPLODED VIEW

1	-	20	654.0713	CABLE LOCK RH	1 2	
1	-	19	654.0715	ARM RH	1 2	
1	-	18	654.0717	PULL CABLE JUNCTION RH	1 2	
1	1	17	651.3010	5/16" BUSHING		
1	1	16	601.3728	SPRING		
1	1	15	601.3736	8-32, LOCK NUT		
1	1	14	601.3735	8-32 SOCKET HEAD SCREW		
2	2	13	601.1869	SIZE 8 FLAT WASHER, 1/32 THICK	NAS1149CN832R	
1	1	12	601.3733	6-32 PAN HEAD SCREW, .5 LENGTH		
1	1	11	601.3159	6-32 NUT	MS21044C-06	
2	2	10	601.3734	NYLON WASHER NO. 6		
1	1	9	601.3729	5-16 NYLON WASHER		
1	1	8	654.0716	NYLON BUSHING	3	
2	2	7	601.3848	10-32 HEX HEAD SCREW, 17/32 LENGTH	NAS1802-3D8	
1	1	6	601.1032	SIZE 10 FLAT WASHER, 1/32 THICK	AN960C10L	
1	1	5	601.1876	SAFETY WIRE	MS20995C20	
1	1	4	654.0714	SPRING HOOK	1 2	
-	1	3	654.0712	CABLE LOCK LH	1 2	
-	1	2	654.0711	ARM LH	1 2	
-	1	1	654.0710	PULL CABLE JUNCTION LH	1 2	
X			654.0702	JUNCTION BOX RH		9
	X		654.0701	JUNCTION BOX LH		8
.0702	.0701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

QTY		PARTS LIST			
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR) 05-05-20	<div><div><div>DART</div><div>AEROSPACE</div><div>APICAL INDUSTRIES, INC.</div><div>dba DART AEROSPACE</div></div><div>3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300</div></div>		
		DRAWN BY Z. MUTTER			
		CHECKER P. BRAVO			
		DRAWING APPROVAL J. GARDINER 09-23-20			
		CONTRACT No.			
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°			
		SIZE B	CAGE CODE 07MZ6	DWG. NO. 654.0700	REV. B
		SCALE NONE			SHEET 1 OF 6

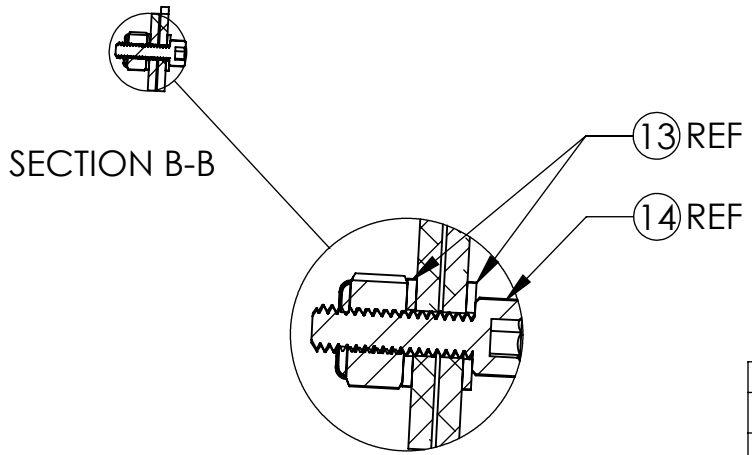
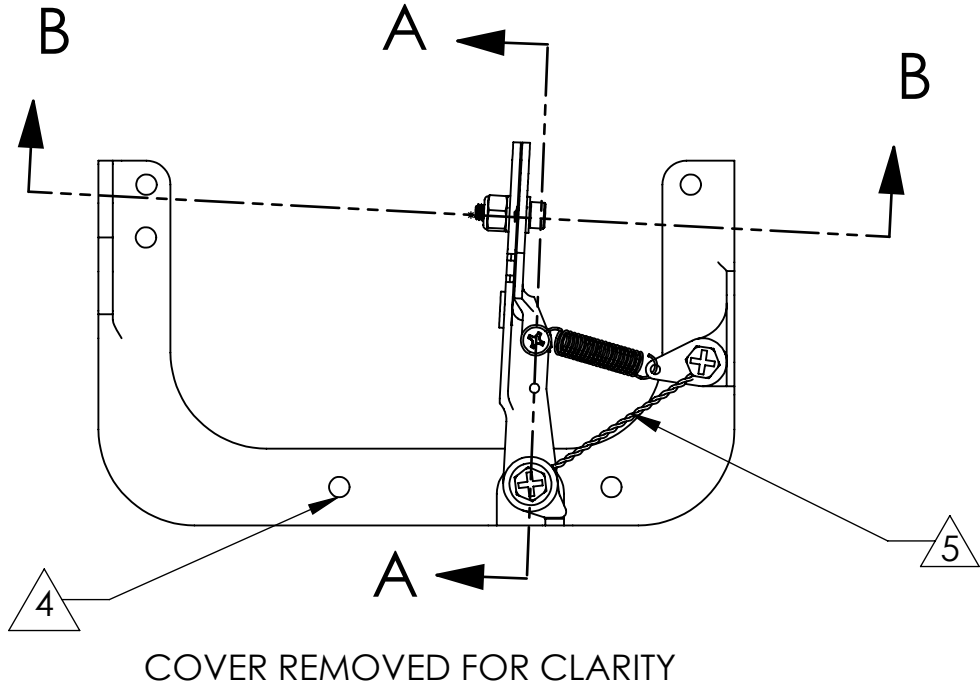
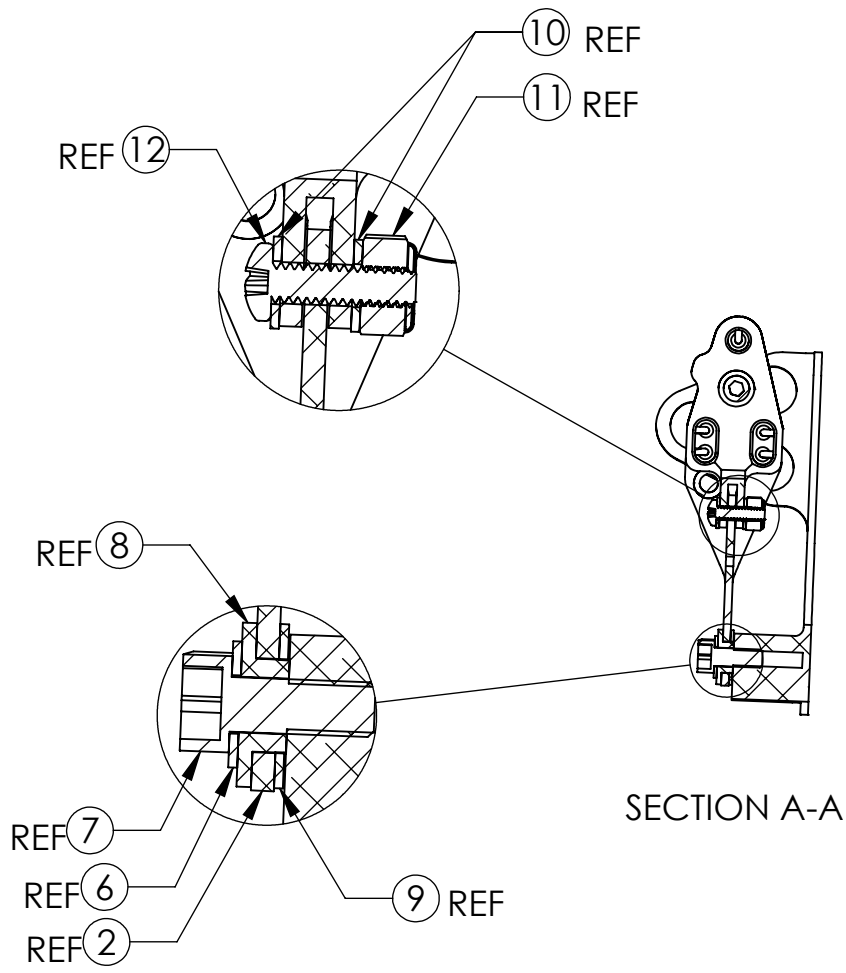
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.


A

B

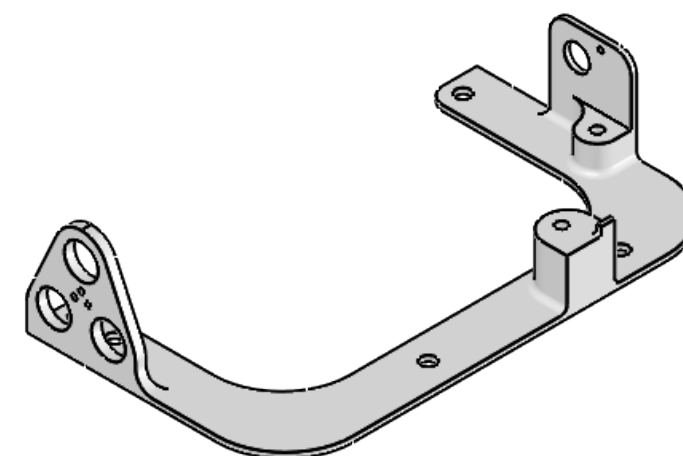
C

D



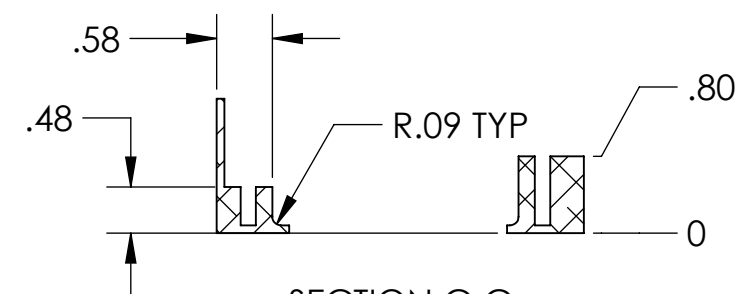
ORIGINAL DATE (MO-DA-YR) 05-05-20		 APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY Z. MUTTER	CHECKER P. BRAVO				
DRAWING APPROVAL J. GARDINER 09-23-20		AW169 JUNCTION BOX			
CONTRACT NO.		SIZE B	CAGE CODE 07MZ6	DWG. NO. 654.0700	REV. B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SCALE NONE		SHEET 2 OF 6	


D

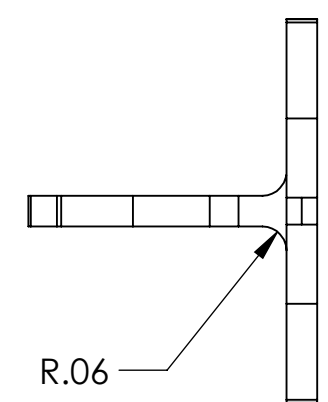


Technical drawing of a mechanical part, likely a bolt or screw head, showing a cross-section and a detail view.


The main view is a cross-section of a circular part. It features a central hole with a diameter of  $\varnothing .470$  and a thread specification of 10-32. The outer radius is labeled R.35. A detail view is shown below the main view, connected by a leader line. The detail view shows a cross-section of a rectangular feature with a width of .070 and a height of .195. A dimension of .58 is shown for the total height of the part, and a dimension of .48 is shown for the height of the detail view feature.



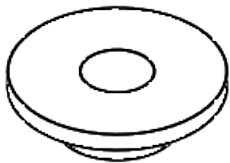
ORIGINAL DATE (MO-DA-YR) 05-05-20	 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300			
DRAWN BY CHECKER D. MUTTER P. BRAVO				
DRAWING APPROVAL J. GARDINER 09-23-20				
CONTRACT No.	AW169 JUNCTION BOX			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°	SIZE	CAGE CODE	DWG. NO.	REV.
	B	07M26	654.0700	B
	SCALE NONE			SHEET 3 OF 4



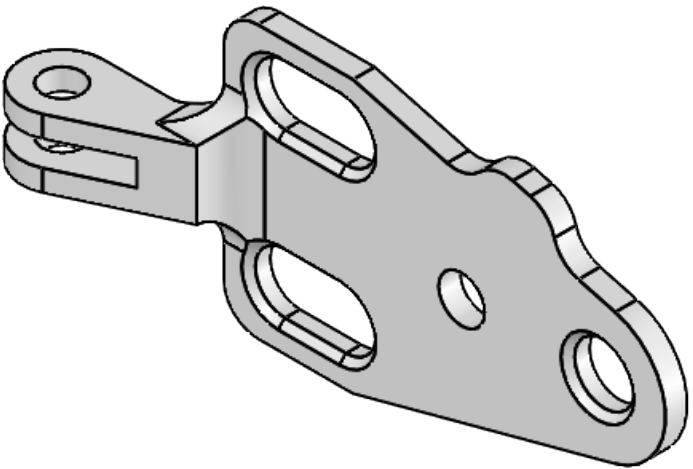
SECTION D-D

ORIGINAL DATE (MO-DA-YR) 05-05-20		 <div>3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300</div>			
DRAWN BY Z. MUTTER				CHECKER P. BRAVO	
DRAWING APPROVAL J. GARDINER 09-23-20		APICAL INDUSTRIES, INC. dba DART AEROSPACE			
CONTRACT NO.		AW169 JUNCTION BOX			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 654.0700	REV. B
SCALE NONE				SHEET 4 OF 6	

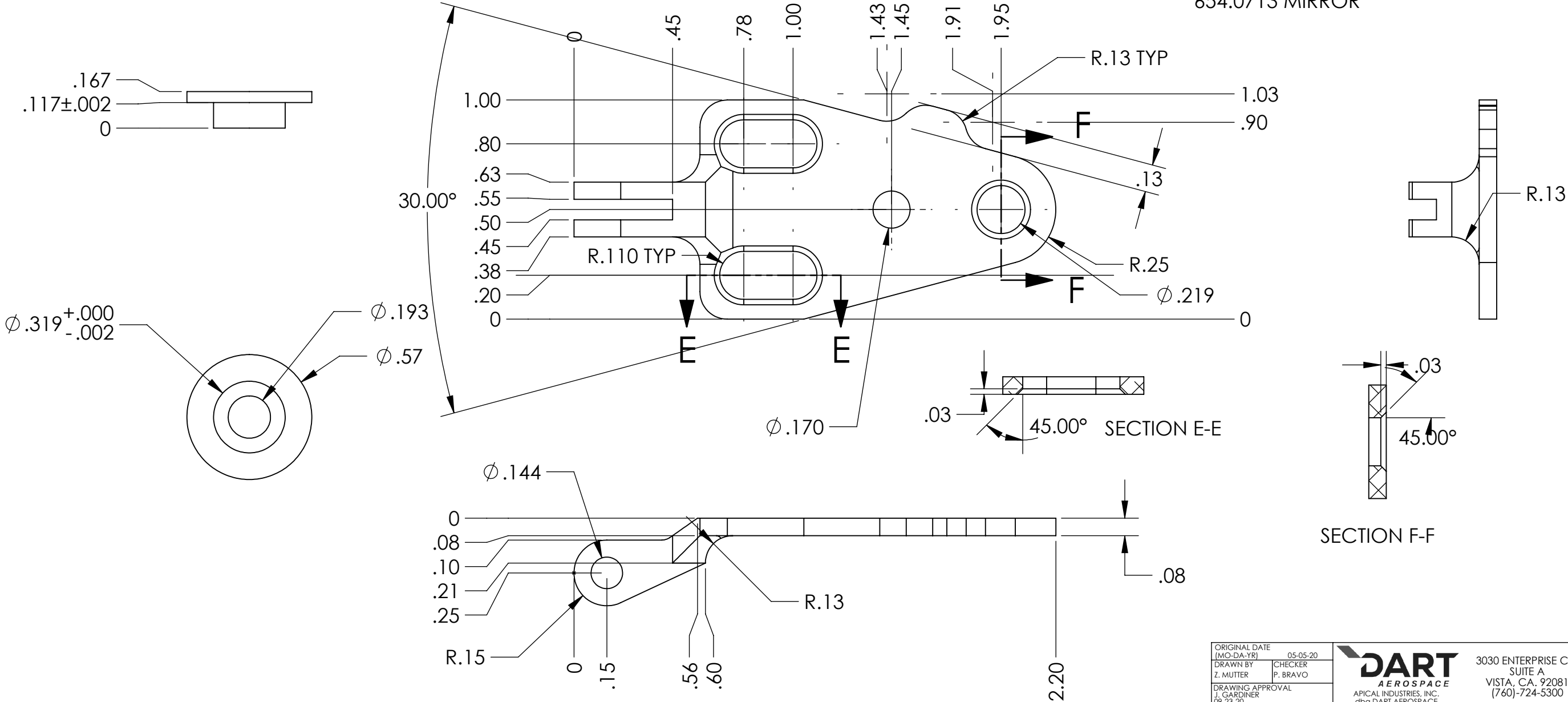
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



654.0716

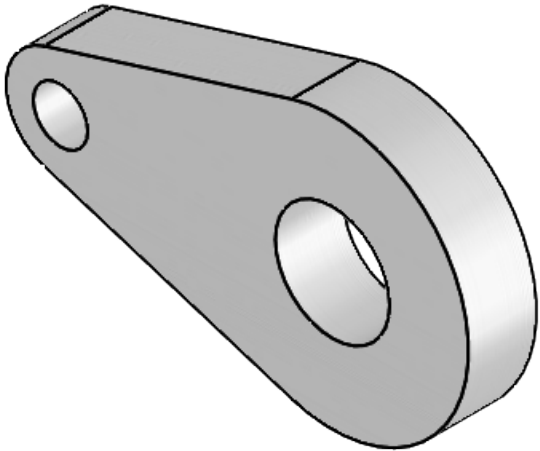
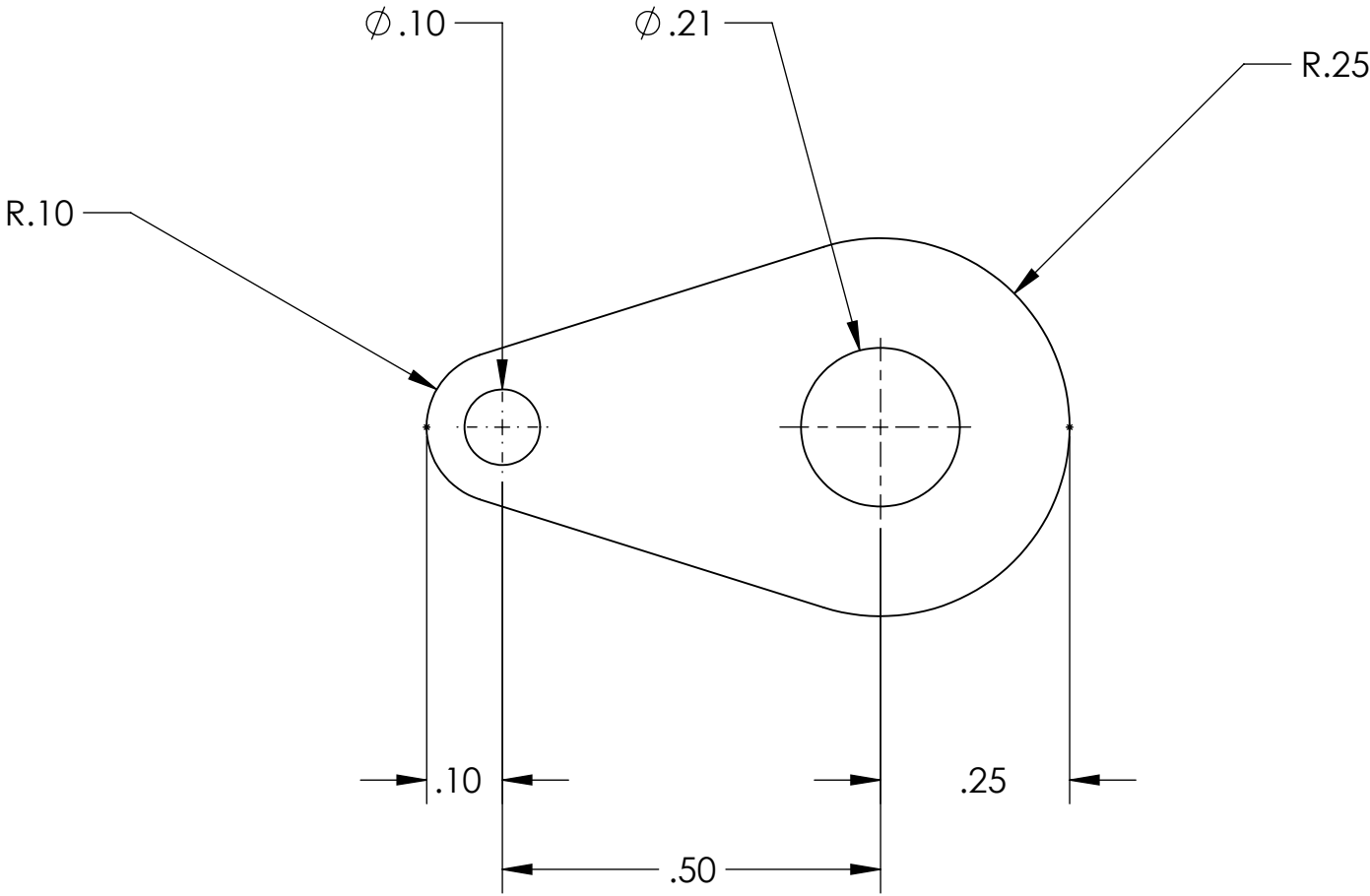


654.0712 SHOWN  
654.0713 MIRROR




ORIGINAL DATE (MO-DA-YR) 05-05-20		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300			
DRAWN BY Z. MUTTER	CHECKER P. BRAVO				
DRAWING APPROVAL J. GARDINER 09-23-20		AW169 JUNCTION BOX			
CONTRACT No.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE	CAGE CODE	DWG. NO.	REV.
		B	07MZ6	654.0700	B
		SCALE NONE			SHEET 5 OF 6

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.



654.0714

ORIGINAL DATE (MO-DA-YR) 05-05-20		 <b>DART</b> AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY Z. MUTTER	CHECKER P. BRAVO				
DRAWING APPROVAL J. GARDINER 09-23-20		AW169 JUNCTION BOX			
CONTRACT No.		SIZE B	CAGE CODE 07M26	DWG. NO. 654.0700	REV. B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SCALE NONE		SHEET 6 OF 6	